Defense Travel System

DTS Release Notes
For DTS Software Version 1.5.1.0

Version 1.0

Prepared by:
Northrop Grumman Mission Systems
12900 Federal Systems Park Drive
Fairfax, VA 22033

Revision History

Date	Revision Number	Authorization	Revision/Change Description	Page, Section

Table of Contents

List of Tables

1 Introduction

The DTS 1.5.1.0 Release provides a number of fixes, with many of this release's specific changes benefiting those DTS users whose Commercial Travel Offices (CTOs) are connected to DTS and to the Sabre global distribution system (GDS). Tables in these release notes indicate those changes which affect only the sites using Sabre and which changes affect all DTS users. (Appendix 1 includes a list of sites whose CTOs use the Sabre GDS as of DTS 1.5.1.0 release date.) There are also maintenance fixes for document processing and reports that are applicable to all DTS users. The software changes are loaded in the Central Data Center (CDC) so the user will automatically see the changes the next time that they log into DTS without having to load any software.

Topics include:

- Features in this Release

- Configuration Requirements

- SPR Fixes and Enhancements

- Known Issues

2 Features in this Release

2.1 Release Highlights

2.1.1 New Gateway

2.1.2 New Functionality

The DTS 1.5.1.0 Release offers new functionality for users. The following sections describe the new functions offered for different user roles.

For TO / Traveler / User:

- **Air Availability** options enhancement for Sabre GDS. A DTS traveler / user is provided a couple of additional options to process the search for Air Availability.

  o Alternate airports can now be requested for both the Departure and Arrival Airports. For example: If air availability is requested for IAD - ORD, the flight options returned will display flights for IAD - ORD, BWI - ORD, DCA - ORD, BWI - MDW, DCA - MDW. The contract carrier is guaranteed to be returned for the original city pair requested. Flights returned for the alternate airports will be by government fares - by lowest fares found and may or may not include contract carriers.

  o Fare Rules for flights returned from search for air availability may now be accessible for viewing. A pop-up window is displayed with the Fare Rules listed

such as: Penalty rules, Blackout periods, applicable Seasons, Stopovers, Ticket Restrictions, Discounts, Reroutes, Transfers, etc.

- **Effectivity of Per Diem rates:** DTS was modified to accommodate the use of per diem rates in effect for the travel and/or expense dates specified in the trip record to compute costs for the travel document. Thus, the mileage rate used for calculation is now appropriately based on the mileage expense date, not on the trip start date.

- **The FPLP/FEMA Tracking Report** is available as a new report and the typical user for this type of information is the TO. This report will provide the user with a list of travel documents within an organization, with FPLP participating properties and/or FEMA approved properties. Indicated in the report is the traveler name, the document name, TDY locations, departure date, return date, the property name, city, state and country where the property is located, an indicator whether the property is an FPLP Participating Property, and FEMA approved code for FEMA approved property.

- **Tracking Funds Report** was improved to add the display of Location/ Description information, as well as the full Line of Accounting (LOA) for a travel document.

For the CTO:

- **Hotel Booking Requests** (in Sabre GDS) are now processed through live availability. This should improve the integrity of the property codes, chain codes and room types currently being passed to the CTO through the PNR, and should ensure the hotel being booked is the same hotel requested by the traveler / user.

- **Required Traveler Profile** data elements are transmitted to the GDS for Commercial Travel Office (CTO) use. Currently ALL required traveler profile data elements do not get transmitted to the CTO. DTS enhanced the Passenger Name Record (PNR) processing functionality to transmit ALL required traveler profile data elements to the GDS for CTO use. These data elements include: Title/Rank, Organization, seat preference, frequent flyer account number.

  Also added to the PNR sent to the CTO for processing are: Actual line(s) of accounting (LOAs) from the Default Accounting Code field (when applicable); Airline, Lodging and Rental Car special needs; airline meal preference; and trip type from the DTS document.

2.1.3 Training Tools

Online Help Screens have been updated to reflect the new features in the DTS 1.5.1.0 Release.

Training Manuals have been updated to show the new functionality of the DTS 1.5.1.0 Release. Users can access these manuals from the DTS home page, and can download the entire manual or just the specific sections of interest.

2.2 Configuration Requirements

DTS users should have a PC configured to provide acceptable performance when using Windows operating systems (Windows 98, Windows 2000, Windows XP, or Windows NT 4.x) and a web browser. The configuration requirements for DTS Version 1.5.1.0 are outlined below.

- **Operating System**: Windows 98, Windows NT 4.0 (Service Pack 6), Windows 2000, Windows XP
- **Web Browser**: Netscape 4.8 or above, or Internet Explorer 5.0 or above
- **DBSign**: Version 2.3.1

2.3 SPR Fixes and Enhancements

The DTS 1.5.1.0 Release includes fixes to System Problem Reports (SPRs), Discrepancy Reports (DRs), and System Change Requests (SCRs). A detailed listing appears in Sections 3 (SPRs), and Section 4 (SCRs).

3   SPRs Corrected in DTS 1.5.1.0

Table 1. DTS 1.5.1.0 Release Contents – SPRs

ID	Sabre Only?	Pri.	Title	Description
4024		3	Lodging Cost Was Dropped Off Of The Travel Authorization After CTO Booked	It has been reported that lodging costs were dropped every so often and the DTS travel document is not showing correct booked costs. Process improvements were implemented to ensure that lodging costs are updated appropriately on the DTS travel documents after the CTO has processed the reservation requests.
5109	Yes	2	CTO received incorrect hotel information in longsell request	Hotel requests for booking (in Sabre GDS) are now processed through live availability. This should improve the integrity of the property codes, chain codes and room types currently being passed to the CTO, through the PNR and should ensure the hotel being booked is the same hotel requested by the traveler / user.
6304		3	Air reservations were booked and fare was stored at higher Govt. rate.	Process improvements were implemented to ensure that a flight selected by a traveler is booked at the rate displayed (plus tax).
7639		3	Cancelled Authorizations Appear on Unsubmitted Voucher Report	Corrections were applied to DTS so that the Unsubmitted Vouchers Report will list only approved trip requests for which travel vouchers have not been submitted. Previously, travel authorizations that have been cancelled (before or after being approved) were reflected in the report.
7798		4	ORACLE error -4031, unable to allocate bytes in shared memory pool	This error was seen in EWTS01, on 05/01/03, around 12:13 PM. As a result of this error, Oracle database was shutdown, shared pool size was increased from 150MB to 300MB and the database was restarted to allow training to continue.
7979		3	Worldspan- Incorrect GSA City Pair flights display for selection	DTS will check for the contracted carrier based on the overall departure and arrival locations, and to make sure that each segment in the flight is on the contracted carrier.
7984		4	Apollo - Hotel rate displayed in foreign currency	For rates returned in foreign currency, the format of the numbers were such that the numbers cannot be displayed and results in a blank screen
7992		3	PNR Gateway returned rental car cost in euros instead of dollars	For an authorization involving reserving a rental car in Germany ("Germany 04/30" for traveler Dawn Coulter), when the car was autobooked, the PNR Gateway response included a cost of "EUR 246". This led to no cost being stored for the rental car (i.e., cost was $0).
8094		3	GAUTH Per Diem Entitlements not Reflected on Indiv Auths	Group Authorization processing was corrected such that per diem entitlements are reflected accordingly on individual authorizations, which are spawned after AO approval of the Group Authorization. Previously, the M&IE values listed on the per diem entitlement screen were not the values indicated on the Group Authorization for the trip. The values listed were the maximum values allowed for the Per Diem location.
8159		3	DTS Launch Page - My Signed Documents - Open Window without toolbar	Modify the "My Signed Documents" List link for the document to open a new window and hide the status bar/tool bar details for the browser window. This will be consistent with the other open window displays.
8186		3	Certain data changes require resin to be restarted	There is currently no process to refresh portions of the data cached in resin without restarting resin.
8218		3	Hotels with foreign currency rates can cause blank screens	Display of air, hotel and rental car options was corrected for OCONUS locations to ensure that rates displayed are always in USD.

ID	DR No.	Pri.	Title	Description
8288		3	Unlisted Location when changing TDY location details causes Zero Rates	The processing of travel documents with unlisted locations was corrected to ensure rates for Unlisted Location are not zeroed out when TDY location details are changed. Previously, when using an unlisted location, and changing the per diem location data or trip overview data, the per diem location is not recognized as unlisted in the re-calculation and zero's out the Rates for all locations. The user is then unable to get rate information to return when using that unlisted location.
8321		5	View Only Screen to View or Edit document has extra spacing on the screen	Based on access points, it was discovered that the View only screen, which allows for view or Edit of the document contains extra spacing (alignment) issues on the screen.

4 SCRs Implemented in DTS 1.5.1.0

Table 2. DTS 1.5.1.0 Release Contents – SCRs

ID	Sabre Only?	Title	Description
6398		Mileage rates generated from begin date should be generated from expense date	CP 257 - DTS was modified to accommodate the use of per diem rates in effect for the travel and/or expense dates specified in the trip record to compute costs for the travel document. Thus, the mileage rate used for calculation is now appropriately based on the mileage expense date, not on the trip start date.
6742	Yes	DTS Passenger Name Record (PNR) Gateway Replacement (TRX ResX)	CP 202 – Implement the TRX ResX booking engine to provide new capabilities, rapid insertion of new technologies, or cost-effective scaling approaches.
7520		Send Traveler Data to GDS for CTO Use	CP 146 – Update DTS functionality to transmit ALL required traveler profile data elements to the GDS for CTO use. These data elements include: Title/Rank, Organization, seat preference, frequent flyer account number, actual line(s) of accounting (LOAs) from the Default Accounting Code field (when applicable), Airline, Lodging and Rental Car special needs, airline meal preference; and trip type from the DTS Itinerary.
7920	Yes	TRX; AIR Availability and Booking	CP 257 - Air Availability options enhancement for Sabre GDS. A DTS traveler / user is provided a couple of additional options to process the search for Air Availability. • Alternate airports can now be requested for both the Departure and Arrival Airports. For example: If air availability is requested for IAD and ORD, the flight options returned will display flights for IAD – ORD, BWI – ORD, DCA – ORD, BWI – MDW, DCS – MDW. Please note that the contract carrier is guaranteed to be returned for the original city pair requested. Contract Carriers for the other city pairs presented for alternate airports may or may not be returned. • Fare Rules for flights returned from search for air availability may now be accessible for viewing. A pop-up window is displayed with the Fare Rules listed such as: Penalty rules, Blackout periods, applicable Seasons, Stopovers, Ticket Restrictions, Discounts, Reroutes, Transfers, etc.
7921	Yes	TRX: RENTAL CAR Availability and Booking	CP 257 - In order to increase the level of service and value offered to travelers, DTS has been updated with the following changes for air, lodging and rental car availability, and booking capability: • Use TRX ResX booking engine for SABRE GDS only. • Display Fare Rules and Alternate Airports for all available flights. • Display all available hotels based on sort order of FPLP participant, FEMA approved, and then rate range of lowest to highest.

ID	Sabre Only?	Title	Description
7923		Track FPLP, FEMA property usage	CP 257 - A new report is available that provides information on FPLP / FEMA property usage. The FPLP/FEMA Tracking report will provide the user with a list of travel documents within an organization, with FPLP participating properties and/or FEMA approved properties. Indicated in the report is the traveler name, the document name, TDY locations, departure date, return date, the property name, city, state and country where the property is located, an indicator whether the property is an FPLP Participating Property, and FEMA approved code for FEMA approved property.
8249		Tracking Funds Report does not display location/description properly	CP 258 - The Tracking Funds Report was improved to add the display of Location/ Description information. The report was updated to display a column labeled Location/Destination and a second column labeled Trip Description.
8250		Modifications Requested to Tracking Funds Report	CP 258 – The Tracking Funds Report has been updated to display the full LOA for a travel document. A checkbox has been added to screen to allow user to select the option to display the full LOA on the report. By default, the LOA label will display on the report unless the user checks Full LOA.
8266	Yes	TRX Release - Use TRX only for Sabre, Eastman for Worldspan and Apollo	For the TRX release, determine the gateway to use based on the traveler's GDS. For Sabre, use TRX for all availability, booking, cancellation and approval. For Worldspan and Apollo, use the Eastman gateway.

5 Known Issues

The following SPRs associated with DTS 1.5.1.0 were identified during the DTS 1.5.1.0 Release System Testing activities, and remain open.

Table 3. DTS 1.5.1.0 Known Issues

Priority 3 Issues				
ID	**Priority**	**Title**	**Description**	**Module Affected**
8495	3	FPLP/FEMA report can be generated with start date greater than end date	A user is able to generate the FPLP/FEMA report where the end date occurs before the start date. The system should display an error message if this condition is met. Status: This SPR is an open issue and has been assigned to Development. This SPR will be allocated to a future release.	DTS Reports
8526	4	PNR retaining line is not listed at the bottom of the PNR	A Traveler created a document in DTS with air and car rental. The Traveler was able to sign the document successfully, and a PNR was created in the Sabre GDS. The CTO submit PNR showed that the retaining line is listed in the middle of the PNR instead of at the bottom of the PNR. The CTO is then required to manually change the order of the retaining line to sort the segments correctly. Status: This SPR is an open issue and has been assigned to Development. This SPR will be allocated to a future release.	Reservation Module
8627	3	Hotel search issues	Traveler created a document in DTS, to travel from Washington DC to Chicago, Los Angeles and return. After selected the air reservation, traveler pulled up the hotel availability listing using "Near Airport" for Chicago, window return with hotel listing in Chicago downtown area with no airport hotel. When traveler changed the search criteria to "Near a City", one additional hotel (Embassy Suites) was displayed. When traveler changed the search criteria using Hotel Name "Embassy Suites", window returned "no hotels were return for the given search criteria". Status: This SPR is an open issue and has been assigned to Development. This SPR will be allocated to a future release.	PNR-G Sabre

5.1 Other Issues

The following SPRs are not associated with the DTS 1.5.1 Release, but were identified during System Testing activities. These issues are not DTS specific issues, but will be analyzed to determine root cause and resolution.

Table 4. DTS 1.5.1.0 Unassociated Issues

Priority 3 Issues				
ID	Priority	Title	Description	Module Affected
8494	3	Worldspan - Incorrect fare display for non contracted fares from gateway	A user created a document and pulled up air availability to obtain a listing on available flights and cost. The system displayed the correct GSA fare for Alaska Airlines; however, the published airfares for the other flight listings were incorrect. Status: Development investigation indicates that the application is functioning correctly and displaying the fares as they are returned from the Eastman gateway. The fares being returned are incorrect. Development is working with TRX and Worldspan air availability to resolve the issue. This SPR will be allocated to a future release.	PNR-G Worldspan
8601	3	Selecting Avis as rental car company causes PNR Processing Error	A Traveler created an authorization to Atlanta on 09/01/03 for 10 nights. Selected an Avis rental car for the duration of the trip and saved the rental reservation to the document without error. The Traveler then attempted to sign the document and after applying the digital signature, received a PNR processing error stating: "There was an error in processing PNR. Process has been cancelled. (Error returned: Could not end PNR)" Status: This issue is not related to TRX or Eastman booking or the PCCs being used by DTS. This appears to be a recent Avis-specific development having to do with the rate codes that DTS is applying when attempting to book a rental car. In some cases, Avis is rejecting the rate codes provided to DTS by them at availability. NGMS will coordinate with Avis to determine the root cause of this issue.	PNR-G Sabre
8603	3	Hertz in Australia causing PNR processing error	A Traveler created a 16-day authorization to Melbourne, Australia departing 9/01/03. Booked Lodging, Rental, and 2-way Air. The Traveler proceeded to sign the document. After applying the digital signature, the Traveler received an error "There was an error in processing PNR. Process has been cancelled. (Error returned: Could not end PNR)" Status: This issue appears to be related specifically to Hertz in Australia, except for Sydney. NGMS will coordinate with Hertz for	PNR-G Sabre

				more information to determine the root cause.	

Appendix A
DTS Sites with Connectivity to CTOs using the Sabre GDS

Appendix A – DTS Sites with Connectivity to CTOs using the Sabre GDS

The current DTS sites that will benefit from the DTS 1.5.1.0 Reservation Module enhancements are:

- BUMED

- Defense Finance and Accounting Service (DFAS)

- DECA (East)

- DECA (Midwest)

- Defense Logistic Agency (DLA) Battle Creek

- DLA Richmond

- Department of the Navy Chief Information Officer (DON CIO)

- Ellsworth Air Force Base

- Fort McPherson

- Fort Gillem

- Holloman Air Force Base

- Joint Forces Staff College (JFSC)

- Kirtland Air Force Base

- Minot Air Force Base

- OPNAV N4

- Program Management Office, Defense Travel System (PMO DTS)

Appendix B
Acronym List

Appendix B – Acronym List

AO	Authorizing Official
CDC	Central Data Center
COTS	Commercial off the Shelf
CP	Change Proposal
CTO	Commercial Travel Office
DADS	Defense Accounting and Disbursing Systems
DEBX	Defense Electronic Business Exchange
DFAS	Defense Finance and Accounting Service
DR	Discrepancy Reports
DTA	Defense Travel Administration
DTS	Defense Travel System
FEMA	Federal Emergency Management Agency
FPLP	Federal Premiere Lodging Program
GDS	Global Distribution System
LOA	Line of Accounting
NGMS	Northrop-Grumman Mission Systems
PMO	Program Management Office
PNR	Passenger Name Record
SCR	System Change Requests
SPP	Scheduled Partial Payments
SPR	System Problem Reports
SRS	System Requirements Specification